



Attorney's Docket No.: 14875-092001 / D1-A0009-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hiroaki Yamamoto et al.
Serial No. : 10/020,674
Filed : October 30, 2001
Title : NOVEL (R)-2,3-BUTANEDIOL DEHYDROGENASE

Art Unit : 1652
Examiner : Yong D. Pak

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT IN REPLY TO ACTION OF AUGUST 18, 2003

Please amend the above-identified application as follows:

Amendments to the specification begin on page 2 of this paper.

Amendments to the claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 12 of this paper.

Appendix A and Appendix B (parts 1, 2 and 3) are attached following page 20 of this paper.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

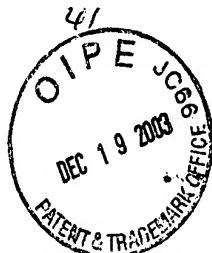
12/24/2003 ZJUHAR1 0000001 10020674
01 FC:1202 378.00 DP
02 FC:1201 774.00 DP

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

December 16, 2003
Date of Deposit

Teri Barnett
Signature

Teri Barnett
Typed or Printed Name of Person Signing Certificate



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TRANSMITTAL LETTER AND PETITION FOR AUTOMATIC EXTENSION

Correspondence relating to this application is enclosed. The required fees are computed below. Please apply any charges not covered, or any credits, to Deposit Account No. 06-1050.

Total Claims	44	-	23	=	21	\$378
Independent	12	-	3	=	9	\$774
First Presentation of Multiple Dependent Claims						\$0

Applicant hereby petitions under 37 C.F.R. §1.136 for a 1 month extension of time.

TOTAL FEE DUE

A check for \$1262 is attached.

\$110

\$1262

Respectfully submitted,

Reg. No. 40,900

Janis K. Fraser, Ph.D., J.D. for
Reg. No. 34,819

RECEIVED

DEC 30 2003

TECH CENTER 1600/2900

Date: 12/16/03

Fish & Richardson P.C.
222 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

10352591.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

12/24/2003 ZJUHAR1 00000001 10020674
03 FC:1251 110.00 0P

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